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A phantom study on cardiac parameters as measured by imaging modalities

Groen, Jaap Michiel

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A phantom study on cardiac parameters as measured by imaging modalities

1. In calcium scoring a high temporal resolution is advocated to decrease the susceptibility to cardiac motion and increase the accuracy of the measurement. (*this thesis*)
2. Dual source CT is, contrary to single source CT, more accurate as well as in absolute as in relative measurements of cardiac function than MRI. (*this thesis*)
3. There is a negative correlation between heart rate and the image quality of coronary artery stents. (*this thesis*)
4. A smaller slice thickness in calcium scoring improves the performance of the calcium score. (*this thesis*)
5. The mass score is the best known algorithm to quantify the amount and density of coronary calcium present in the coronary arteries.
6. A single-sector reconstruction should be used to reconstruct image data of coronary artery stents. (*this thesis*)
7. A threshold adjusted calcium score is a better approximation to the physical value compared to the standard score. (*this thesis*)
8. Voor voorspellers van de verwachte zeespiegelstijging in de 21e eeuw, gaat geen zee te hoog.
9. Rondom het UMCG zou een rookvrije zone van 100 meter moeten bestaan, naar analogie van het Rikshospitalet te Oslo, Noorwegen.
10. In tegenstelling tot de algemene opvatting, bevat een Ikea-bouwpakket eerder te veel dan te weinig onderdelen.
11. Hoewel de frustraties hoog kunnen oplopen, is het oplossen van een wetenschappelijke puzzel een genoegen.